Amendment

In the Claims. Please amend claims 1, 2, 6, and 7, cancel claims 4, 5, 9, and 11, and add new claims 12-15, as follows:

1. (currently amended) An artificial antigen presenting cell, comprising:
   a) a liposome comprising a lipid bilayer, wherein the lipid bilayer is comprised of neutral phospholipids and cholesterol;
   b) at least one GM-1 ganglioside molecule disposed in the lipid bilayer;
   c) ~~at least a portion~~ of a cholera toxin ß subunit bound to ~~associated with~~ a GM-1 ganglioside molecule;
   d) an ~~immunologically active~~ MHC component loaded with an antigen, wherein the antigen-loaded MHC component is bound to ~~associated with~~ the cholera toxin ß subunit; and
   e) an accessory molecule that can stabilize an interaction between a T cell receptor and the antigen-loaded MHC component.

2. (currently amended) An artificial antigen presenting cell according to claim 1 having a plurality of GM-1 ganglioside molecules, wherein a portion of the GM-1 ganglioside molecules form rafts in the lipid bilayer of the liposome.

3. (previously presented) An artificial antigen presenting cell according to claim 2 wherein said rafts are present in said lipid bilayer at high density.

4. (canceled)

5. (canceled)

6. (currently amended) An artificial antigen presenting cell, comprising:

a) a liposome comprising a lipid bilayer, wherein the lipid bilayer is comprised of neutral phospholipids and cholesterol;

b) at least one GM-1 ganglioside molecule disposed in the lipid bilayer;

c) ~~at least a portion of~~ a cholera toxin ß subunit bound to ~~associated with~~ a GM-1 ganglioside molecule;

d) at least one tetravidin molecule bound to ~~associated with~~ the cholera toxin ß subunit ~~lipid bilayer~~;

e) ~~an immunologically active~~ a biotinlylated MHC component loaded with an antigen, wherein the biotinlylated MHC component loaded with antigen is ~~associated with~~ bound to the tetravidin molecule of (d) ~~cholera toxin ß subunit~~; and

f) ~~an~~ a biotinlylated accessory molecule that can stabilize an interaction between a T cell receptor and the antigen-loaded MHC component, wherein the biotinlylated accessory molecule is bound to ~~associated with a~~ the tetravidin molecule of (d).

7. (currently amended) An artificial antigen presenting cell according to claim 6 having a plurality of GM-1 ganglioside molecules, wherein a portion of the GM-1 ganglioside molecules form rafts in the lipid bilayer of the liposome.

8. (previously presented) An artificial antigen presenting cell according to claim 7 wherein said rafts are present in said lipid bilayer at high density.

9. (canceled)

10. (previously presented) An artificial antigen presenting cell according to claim 8 further comprising irrelevant molecules selected from the group consisting of molecules for binding said artificial antigen presenting cells to a solid support, and a label.

11. (canceled)

12. (new) An artificial antigen presenting cell according to claim 1 wherein the neutral phospholipids are phosphotidylcholine.

13. (new) An artificial antigen presenting cell according to claim 6 wherein the neutral phospholipids are phosphotidylcholine.

14. (new) An artificial antigen presenting cell according to claim 1 wherein the lipid bilayer is a fluid lipid bilayer.

15. (new) An artificial antigen presenting cell according to claim 1 wherein the lipid bilayer is a fluid lipid bilayer.